

REMARKS

Claims 1, 4, 6, and 9 were rejected under 35 U.S.C. §102(b) as being anticipated by the Japanese patent 02037746 A, issued to Nobuhara. Claims 2, 3, 7, and 8 were rejected under 35 U.S.C. §103(a) as being unpatentable over Nobuhara. Claims 5 and 10 were rejected under 35 U.S.C. §103(a) as being unpatentable over Nobuhara, and further in view of the Applicant's Admitted Prior Art.

First, while Nobuhara employs an InP substrate, the present invention employs a silicon substrate, (claim 1), and a glass substrate, (claim 6).

Second, while the device isolation region G disclosed by Nobuhara is of a recessed structure with a step, (Fig. 5), the present invention proposes a device isolation region filled up to the level of the first and second circuits so as to planarize a surface of the device, according to amended claims 1 and 6 reciting a device isolation region projecting from said silicon/glass substrate up to a surface of each of said first and second circuit sections between said first and second circuit sections, (Fig. 3). In the case of a recessed structure with a step as the device isolation region G disclosed by Nobuhara, an additional device process is required in order to form, for example, a superstructure connecting the digital section 5 and the analog section 6, which inhibits utilization of a conventional platform.

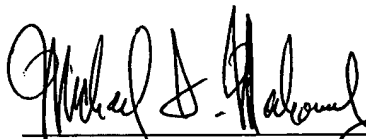
CLOSING

An earnest effort has been made to be fully responsive to the Examiner's objections. In view of the above amendments and remarks, it is believed that independent claims 1 and 6 are in condition for allowance, as well as those claims dependent therefrom. Passage of this case to allowance is earnestly solicited.

However, if for any reason the Examiner should consider this application not to be in condition for allowance, he is respectfully requested to telephone the undersigned attorney at the number listed below prior to issuing a further Action.

Any fee due with this paper, not fully covered by an enclosed check, may be charged on Deposit Account 50-1290.

Respectfully submitted,

A handwritten signature in black ink, appearing to read "Michael I. Markowitz", is written over a horizontal line.

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Enclosure: Amended Fig. 4

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IN THE DRAWINGS

Please find enclosed a copy of Fig. 4, as originally filed, with proposed amendments indicated thereon in red for the approval of the Examiner.